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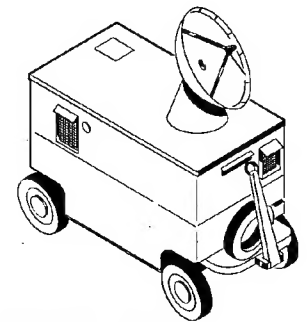
NEW TYPE RADAR HANOI SAM SITE A25A-02, NORTH VIETNAM 20-54N 105-44E

MISSION BHQ 111, 9 NOVEMBER 1972

9 NOVEMBER 1972



GUIDANCE AREA



ARTIST CONCEPT
NEW TYPE RADAR

CAMOUFLAGED SA-2 MISSILES ON LAUNCHERS

N-8271 NPIC (12/72)

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4 December 1972
Page 1 of 3
Copy 25

REFERENCE TO: BH Q-111

NEW TYPE RADAR
HANOI SAM SITE A25A-02 (NVN 549)
NORTH VIETNAM

1. SIGNIFICANCE: A NEW TYPE RADAR OBSERVED COLLOCATED WITH AN SA-2 SITE IN NORTH VIETNAM.
2. LOCATION: HANOI SAM SITE A25A-02 (NVN 549) IS 9 NM SOUTHWEST OF HANOI AT 20-54-58N 105-44-09E.
3. BACKGROUND: RADARS IDENTIFIED AS FIRE CANS HAVE PREVIOUSLY BEEN OBSERVED COLLOCATED AT FIVE SA-2 SITES IN THE HANOI AREA OF NORTH VIETNAM. THE NEW TYPE RADAR IS SIMILAR IN APPEARANCE TO THE FIRE CAN, ESPECIALLY THE SIZE OF THE REFLECTOR AND ITS POSITION ON THE PROBABLE VAN TRAILER. BECAUSE OF THIS GENERAL SIMILARITY, THE RADARS IDENTIFIED AS FIRE CAN AT THE FIVE SA-2 SITES MAY ALSO HAVE BEEN THE NEW TYPE RADAR. AVAILABLE PHOTOGRAPHY IS NOT ADEQUATE FOR MORE DETAILED ANALYSIS.

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WARNING NOTICE
Sensitive Intelligence Sources
and Methods Involved.

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing boards(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue. For information concerning these notes contact Chief, Imagery Exploitation Group NPIC.

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4 December 1972

Page 2 of 3

4. REMARKS: USED IN CONJUNCTION WITH STANDARD SA-2
ELECTRONICS EQUIPMENT, THIS NEW TYPE RADAR
[REDACTED] 25X1
5. NEGATION DATE: [REDACTED] 25X1
6. FIRST IDENTIFICATION: THIS MISSION
7. MISSION READOUT: A NEW TYPE RADAR WAS OBSERVED NEAR THE
CENTRAL GUIDANCE AREA OF A NEWLY IDENTIFIED FIELD-DEPLOYED SA-2
SITE IN THE HANOI AREA OF NORTH VIETNAM. THE NEW RADAR IS
SIMILAR IN APPEARANCE TO THE FIRE CAN RADAR BUT NOT IDENTICAL
TO ANY KNOWN RADAR SYSTEM. THE RADAR HAS A SINGLE PARABOLIC
REFLECTOR MOUNTED ON A PROBABLE VAN TRAILER. THE REFLECTOR
IS APPROXIMATELY [REDACTED] IN DIAMETER AND IS EITHER 25X1
A SOLID OR FINE MESH DISH. THE DISH IS MOUNTED ON A CONICAL
SHAPED PEDESTAL, POSITIONED APPROXIMATELY ONE THIRD THE DISTANCE
ALONG THE LONG AXIS OF THE PROBABLE VAN TRAILER. THE ANTENNA
FEED IS POSITIONED APPROXIMATELY [REDACTED] FROM THE 25X1

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4 December 1972

Page 3 of 3

7. MISSION READOUT: (CONT'D)

CENTER OF THE REFLECTOR. A CENTER AXIS FEED SUPPORT IS ABSENT.
THE FEED ELEMENT APPEARS TO HAVE A TRIPOD OR MULTI-BAR SUPPORT
ATTACHED INSIDE THE DISH. THE DISTANCE FROM THE BASE OF THE
PEDESTAL TO THE TOP OF THE DISH IS APPROXIMATELY [REDACTED]

25X1

[REDACTED]. ACCURATE MEASUREMENTS OF THE PROBABLE VAN TRAILER
CANNOT BE DETERMINED DUE TO REVETTING AND CAMOUFLAGING MEASURES.

25X1

APPROXIMATE MEASURE INDICATE THE TRAILER IS [REDACTED]

25X1

IN LENGTH AND AT LEAST [REDACTED] IN HEIGHT.

25X1

NOTE: THE FIRE CAN DOES NOT HAVE A CONICAL PEDESTAL OR A
TRIPOD/MULTI-BAR FEED SUPPORT AS IS OBSERVED ON THE NEW TYPE
RADAR.

PHOTO REFERENCE: [REDACTED]

25X1

ENLARGEMENTS: 20X, INSET - 40X

IEG/SGD/SAB

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